

**ABSTRACT**

A hermetically sealed, opto-electronic array housing assembly having a ceramic base, electrical connectors, a metal can, and a glass window. The glass window can support a micro-lens array. The metal can receives the glass window. The electrical impedance of the electrical connectors is beneficially carefully controlled to enable high-speed data communications. A multi-element optical fiber connector can provide for optical communications to and/or from an opto-electronic array contained within the housing.